

Figure 1.

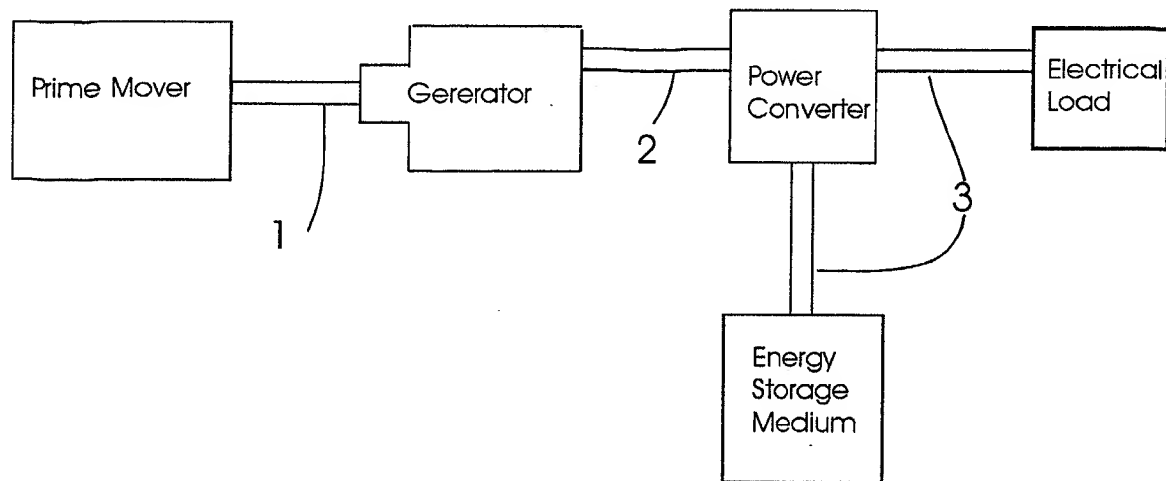


Figure 2a

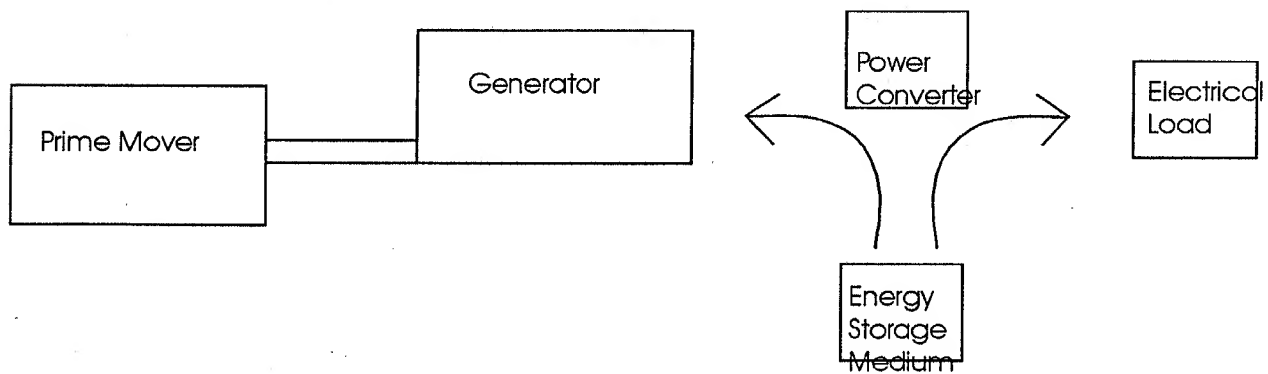


Figure 2b

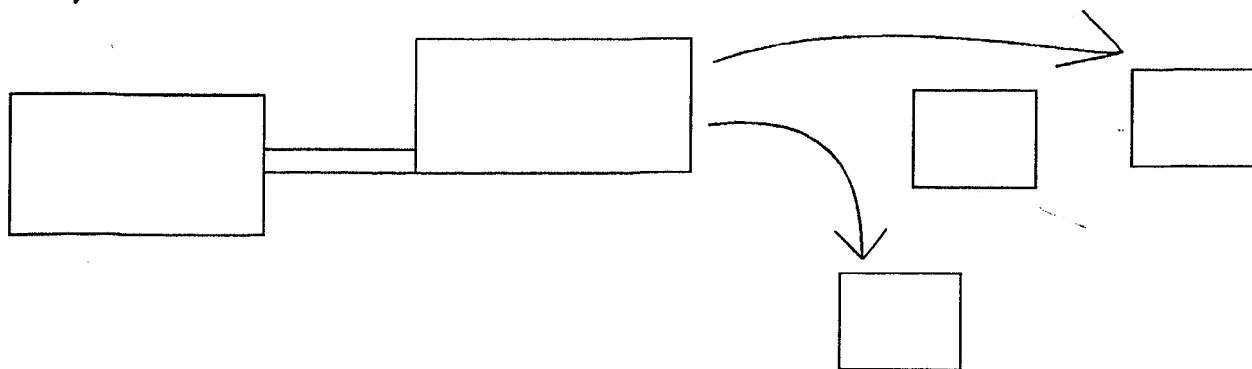


Figure 4

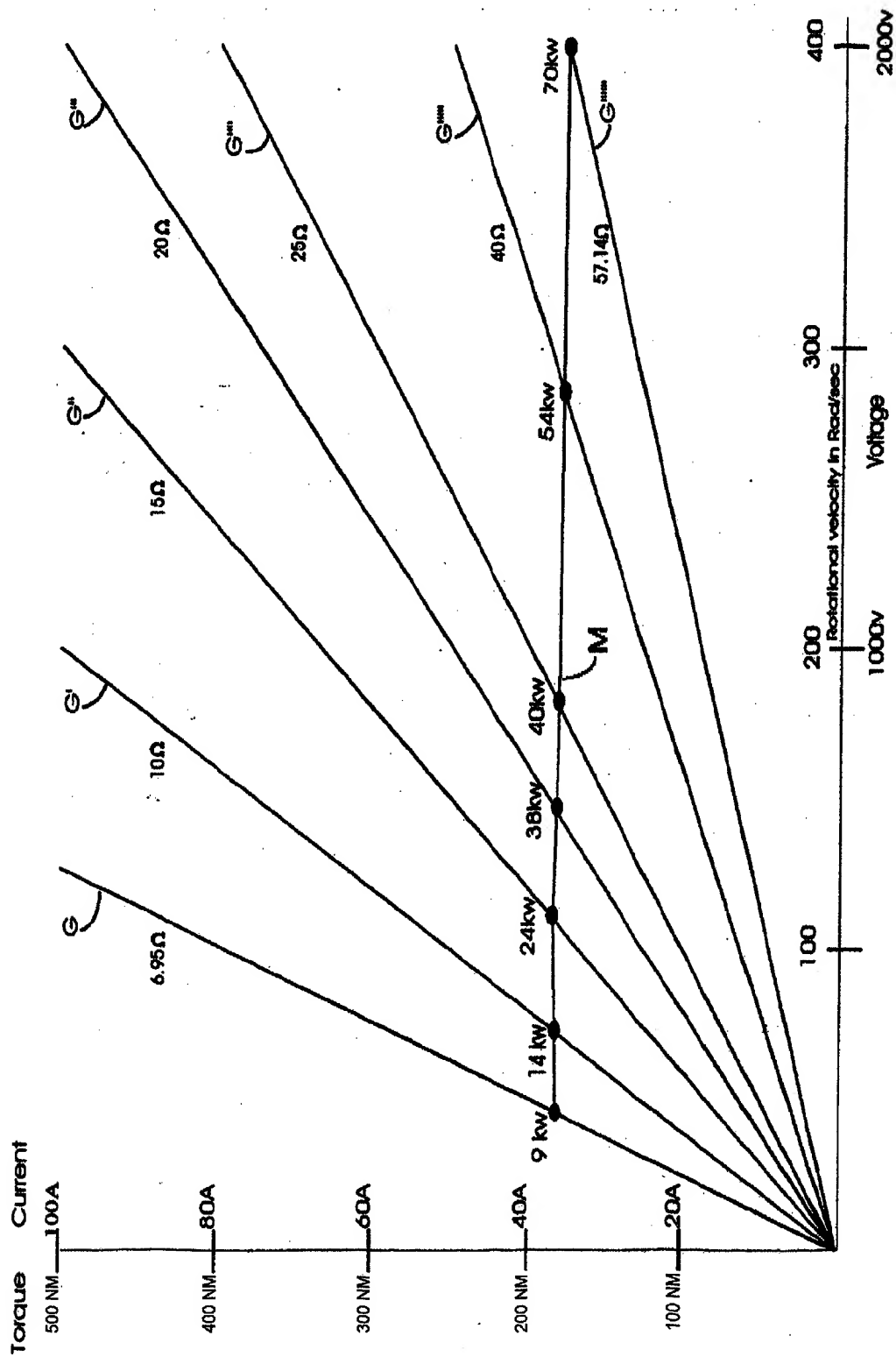


Figure 6

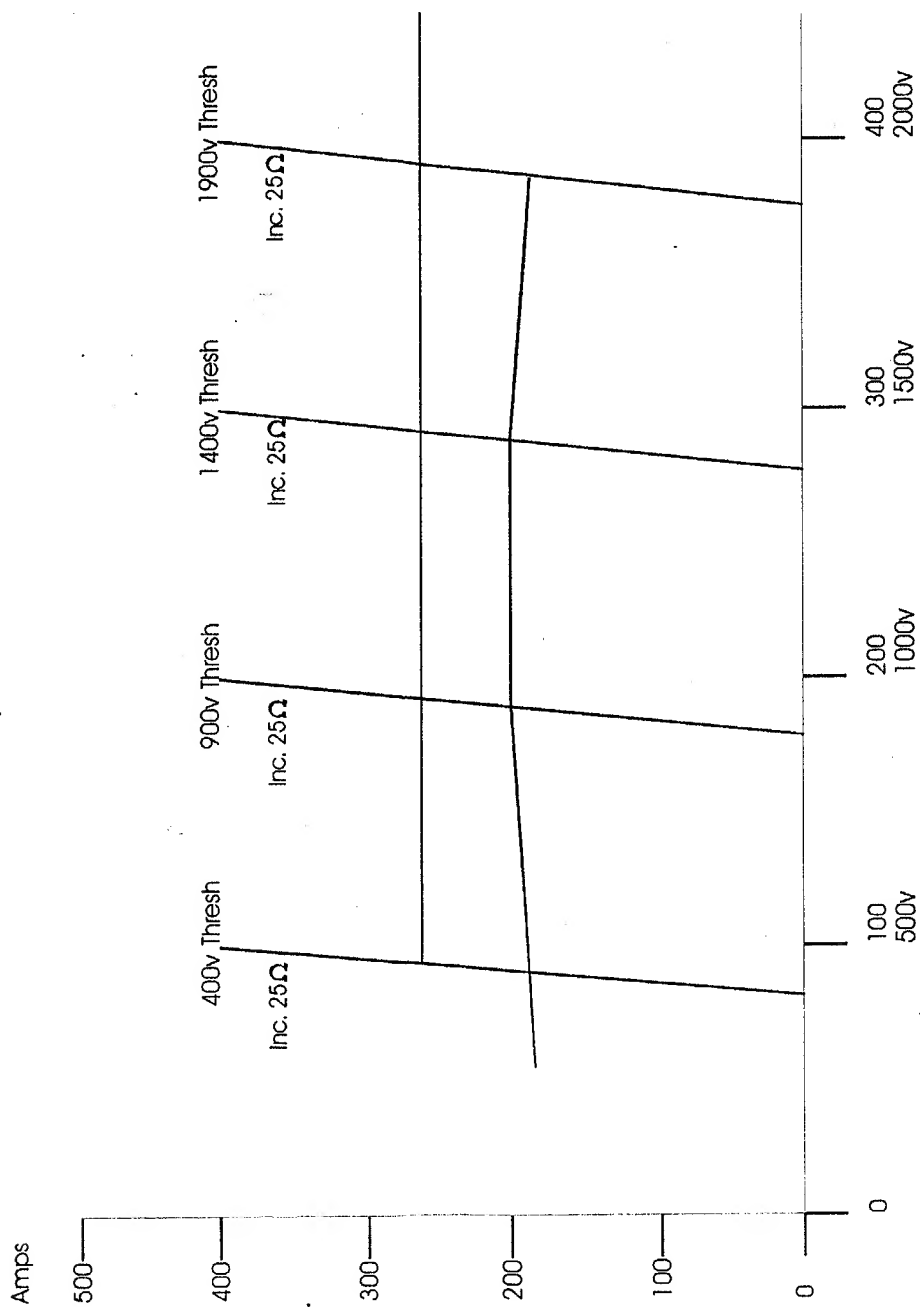


Figure 7 - The torque/speed graph of an engine and a DC generator connected to a power electronic load accepting current at various threshold voltages; also able to source current.

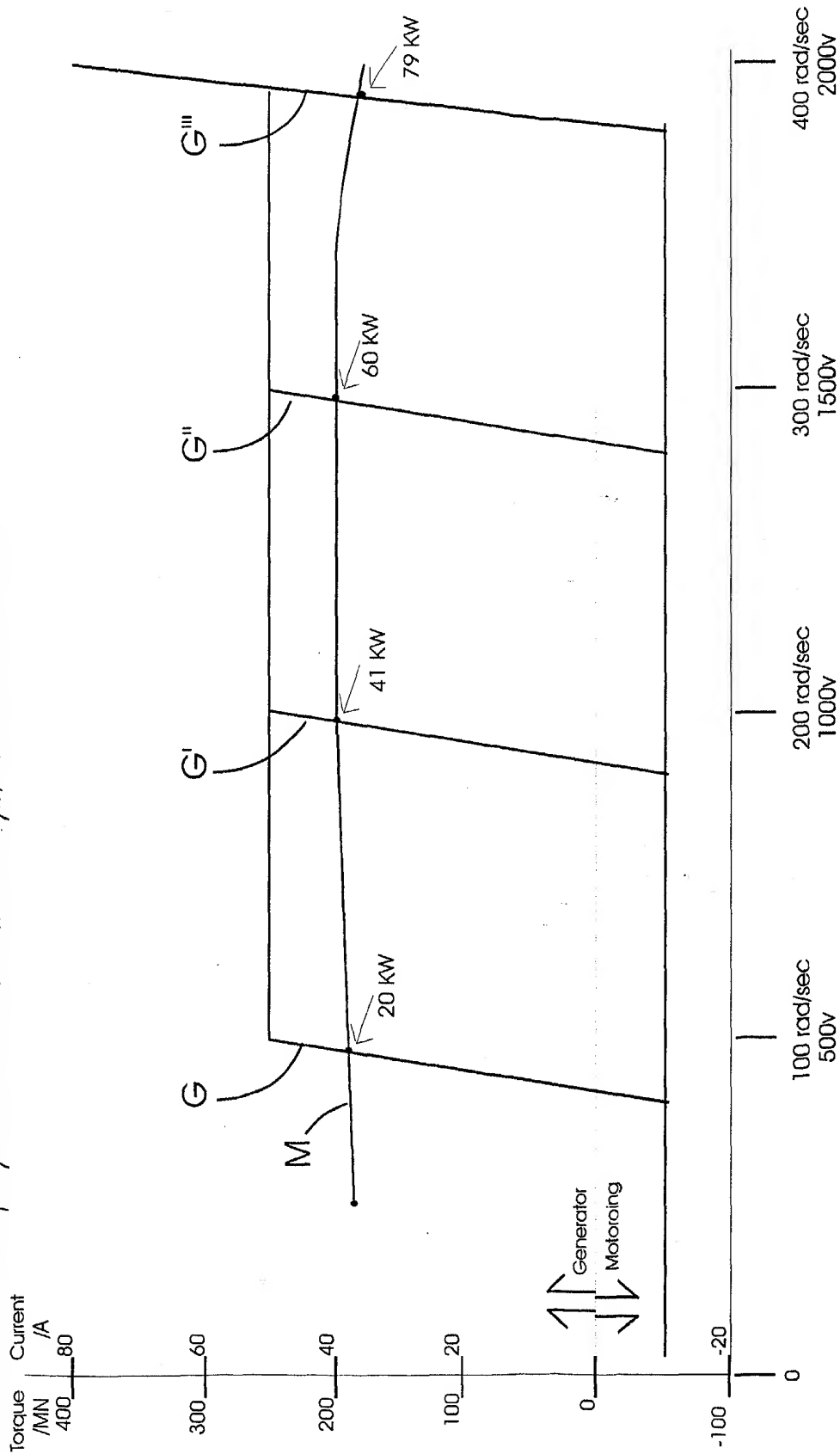


Figure 8a - Schematic of a power electronic load

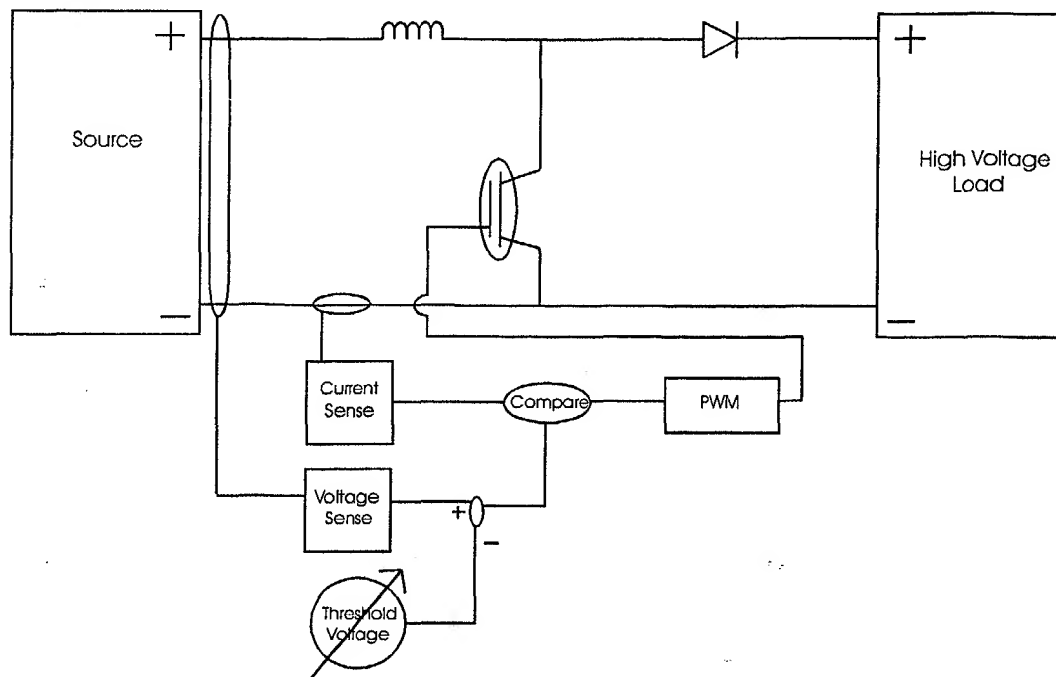
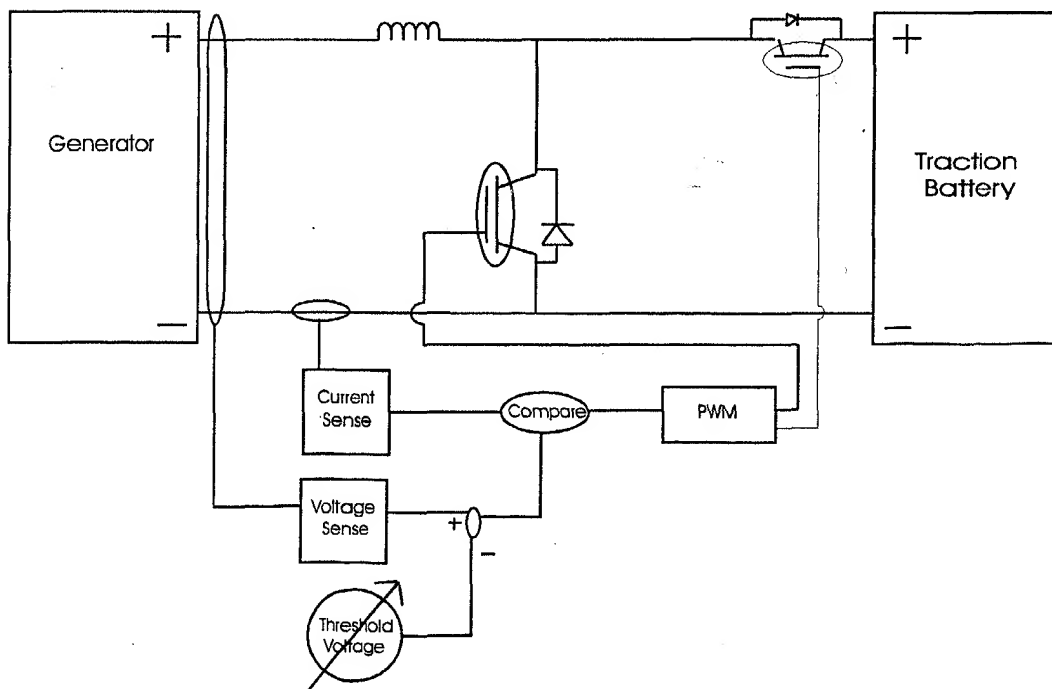


Figure 8b - Schematic of a power electronic load



*Figure 9a - an automotive alternator providing
control over the prime mover output*

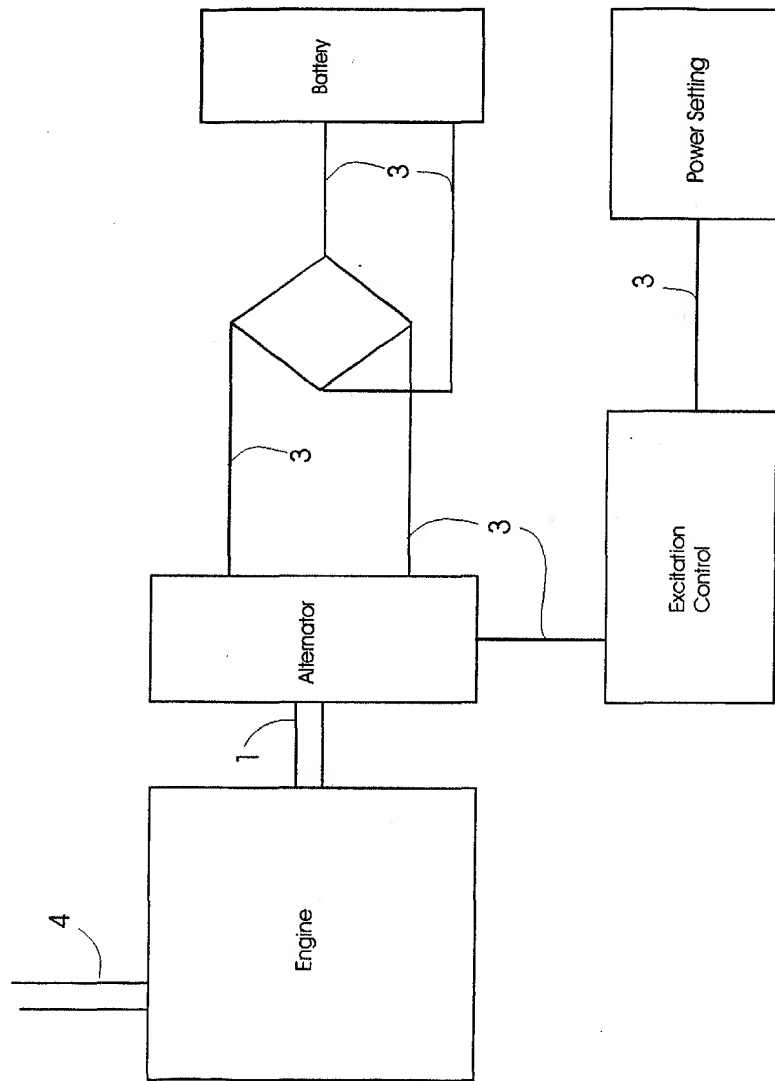


Figure 9e - the torque versus speed graph of an internal combustion engine and an alternator, supplying power to a battery, wherein the alternator has adjustable excitation.

